

ABSTRACT OF THE DISCLOSURE

A wall covering assembly comprising a front layer of a vinyl coated fabric or paper, a rear ceramic layer, and an intermediate layer made of an acrylic compound containing finely divided phase change material such as crystalline acryl hydrocarbons or salt hydrates. The wall covering assembly facilitates thermo-regulation due to latent heat absorption and latent heat release in the phase transition range of the phase change material, which enhances the thermal comfort of rooms and leads to energy savings.